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# Newspeak Volume 01, Issue 21, December 4, 1973

The Students of Worcester Polytechnic Institute

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# WPI's Claim to Fame or That Damned Plan

WPI's claim to whatever fame it has been enjoying lately is its hallowed Plan and everything that nebulous term includes. It's all I heard about from the people who convinced me to transfer to Tech. In fact, I had been here a couple of weeks before anyone told me that WPI was a highly respected school before it conceived this magical notion. In the newspaper article he wrote before Thanksgiving (posted on the bulletin board in Boynton last week), President Hazzard's praise for the American College Student managed to fit in a good sized plug for the Plan. My experience with Admissions would indicate that they dwell more upon Tech's favorite way of not learning (expensively) than Tech's other, more firmly established merits (yes, they exist.).

The Plan may have the potential to be everything that Boynton says it is, but it just isn't there yet. Nobody should expect it to be. The Plan is intended to avoid the failures of a "traditional" education. It would be unrealistic to assume that it isn't going to generate problems of its own.

What does "the Plan" mean? Which of all the new ideas around here does it include? I've never seen an attempt to define it exactly, but the '73 operational catalog says:

"Aspects of the WPI Plan include, for example, intersession, seven-week terms, and the study, study-conference, and IPI modes of presentation."

On the basis of Boynton's examples, does the Plan deserve the wholehearted, or even just casual, acceptance that the administration strives for? No.

1. Having not yet attended Intersession, I'm no judge. But it is relatively unimportant compared to what follows.

2. Seven-week terms are perhaps the favorite target of opponents to the Plan. The most common argument against it is the damage that can be done by a few day's sickness. If your course meets four days a week and you're sick for three, you've just lost out on better than ten percent of the classtime you paid for.

The rush to finish a course in seven weeks is even more dangerous. Profs, out of necessity, may cut out sections of material they'd usually cover in order to get at the important stuff. The result is that you've got false credit and you think you know everything you should, but in fact you did not get your money's worth out of that course.

Also, how often is it that someone crams oneself to the gills for one of two exams in a week (or a day), only to forget a large amount of it all in the process of walking away from the test? The administration isn't hurting. The prof isn't hurting. You are.

Learning takes time, and seven weeks isn't enough. People are finding that out. Whatever happened to that proposal for trimesters, though? There is also talk about putting certain courses back on a semester basis, which would create assorted hassles in scheduling and credit. Make shift repairs are at best shaky. WPI would be far better off admitting that seven-week terms are no good and starting over again, keeping in mind the lessons they've learned and using a little foresight.

3. W.P.I.'s three modes of presentation are not all unique to Tech. Study is used everywhere, and study-conference is used at least at the U.S. Naval Academy (hardly a progressive school).

IPI is a good idea on paper, but something is lacking in the translation. From class to class differences in enrollment, quantity and type of material to be covered, and instructor philosophy all provide an assortment of interpretations on what "IPI in the Spirit of the Plan" really is. And how many people use it wisely, compared to those who take advantage of it for easy credit?

It may not matter to you whether the next person's learning anything, but it should. You have to graduate from the same school, perhaps a few years later. The Plan hasn't shown any results in quantity yet, but what happens if the first class of mostly Plan students contains an inordinate number of such degree hunters? What happens to WPI and its Precious Plan in the eyes of potential employers, grad schools, and beneficiaries when techies reach the outside world and fail to produce? You're dishing

out the large amounts of cash; why let WPI degrees get devalued?

I haven't covered all aspects of the Plan, nor all the pros and cons on the examples I did touch. But the problems pointed out above are very real, and there is no sign of any kind of effort to improve the Plan. Perhaps Boynton doesn't want to appear to lose confidence in it for fear of losing grants, etc. (\$\$\$), but the notion is absurd. The best way to display genuine confidence in the Plan is to keep their eyes open for the problems that must naturally crop up, and remove the sources. Tech so far has engaged in treating symptoms which makes the Plan look pretty in the eyes of those with the cash while it continues to get sicker underneath.

We could wait for Boynton to get moving, but we could also try to speed up the process. Students and faculty both have to live with the Plan and its shortcomings, and you undoubtedly have ideas. Don't waste them by griping over coffee, beer, or Morgan mystery meat with someone who's only going to agree; spread it around. You pay for this newspaper, too. Why not use it as a common ground to exchange ideas and just plain get the problems out where Boynton can see them? The worst that can happen is for you to get laughed at, and you're in danger of that just by virtue (?) of being a techie.

I welcome any and all response to this; write it in to Newspeak or to me personally (box 2490). It's about time techies woke up, anyway.

Doug Knowles



## NEWSPEAK

Tuesday, Dec. 4, 1973 Vol. 1 No. 21

### How Bout a Beer

by John FitzPatrick

"In heaven there is no beer; that's why we drink it here." This well-known lyric could well become the motto of the newly expanded Pub.

WPI has now adjusted to the recent change in the drinking age by opening a campus bar. On Friday at 4:00 p.m. the Snack Bar was baptized with beer. During the first hour students packed the previously desolate room and managed to put away two or three kegs of beer. This is about equal to the amount the former Pub sold during a week (Wednesday and Friday). Before midnight another two or three kegs were emptied.

The opening of the new bar may come as a surprise to some, as news of its opening was made mostly by word of mouth. The bar will be open six days a week from 4 p.m. to midnight. These hours are subject to change if the need arises. It is indefinite as to which day the bar will be closed — Saturday or Sunday. For this week it is open Sunday. The Snack Bar, which will remain open, has chosen to extend its hours to midnight to accommodate cases of "the munchies."

Students have no reason to worry about a shortage of beer. A walk-in refrigerator has been installed at the far end of the Snack Bar cooking area. The refrigerator has a capacity of 50 kegs of beer (per evening if need be). On the other side of the wall are located six taps which lead directly into the refrigerator. For a mere 25 cents you can purchase a 12 oz. draught of Budweiser or Miller, and for a

nickel more you get Michelob. Former Pub members will receive \$2.00 in free beer to compensate for their paid memberships.

In observance of state law, only those who are 18 or over will be allowed in the bar. In addition to the bartenders, there will be students checking ID's at the door. A couple of rules which have been set down are — No card playing during bar hours; only one guest per student will be admitted. It is preferred to keep the number of guests at a minimum as the bar is intended to "serve" WPI.

A number of comments permeated the air on the opening day (and night). Typical comments of "not bad" and "OK" as well as those not printable, were of no surprise. Former Pub members seemed to concur that the bar is "not as good as the Pub." One senior suggested, "open up the old Pub and serve or sell peanuts." Comments from the freshman and sophomores ranged from "clean it up a little" to "there ain't too much on that juke box." Several students echoed requests for "Schlitz!". Janice from Student Affairs insisted that she "liked it better with the lights turned down." Many were just too busy drinking to talk.

To predict the success of the bar based on its first day would be foolish. At least now you don't have to get frost-bitten walking to Leitrim's or lean on the cigarette machine while sipping beer at the Boynton. Hopefully, the administration has made an important step towards bringing students back on campus and promoting "Student Union."

### What Do You Think of Drugs?

Are you curious about Drug Use at WPI

During the next week or so, a questionnaire dealing with drug use on campus will be placed in your mailbox.

We are asking that you will take just a few minutes to fill out the questionnaire and return it to the campus mailroom.

A copy of the survey follows.

The purpose of the questionnaire is to provide data for a Newspeak survey which will hopefully classify drug use by class, type of drug used, frequency of use, residence and major subject area. None of the individual data will be used other than for the survey's purpose. We ask that you help us by answering the questionnaire so that we will have a sufficiently large sample size. The more surveys that are returned the more valid the survey becomes. Perhaps if enough surveys are returned we can begin to talk knowledgeably about drug use here at WPI.

Newspeak Editorial Elections will take place Wednesday night, December 12 at 9:00 p.m. in the Newspeak Office (Green Room — behind the stage in Alden.) Nominations for all positions must be submitted to the present editors-in-chief by Monday, Dec. 10th. To be eligible for an Editorial position a person must presently be a member of the staff.

All members of the Staff (whatever capacity) may vote. All staff members should plan on attending.

### Results of Last Week's Phys. Ed. Questionnaire

1. Should all Physical Education Requirements be abolished?

Yes (85%) No (12%) Undecided (3%)

2. Should more Phys. Ed. courses be offered — not necessarily required?

Yes (60%) No (23%) Undecided (17%)

3. Should the Intramural Program be expanded?

Yes (58%) No (18%) Undecided (24%)

## WPI Judiciary System

In an effort to educate the members of the WPI community as to the purpose and functions of the WPI Campus judicial System, We would like to submit this letter as the first in a series for the benefit of all members of the community.

The WPI judicial system is similar to that used by the United States. Each has courts to handle differing types of infractions. In our case, the Campus Hearing Board is designed to handle transgressions which are deemed to have campus wide scope, and the Dormitory Hearing Board obviously would deal with those clearly of Dormitory wide consequence. While one is a student at WPI, and he comes into contact with a court, it would most likely be a school board such as those just described. It is most unfortunate that the majority of our students and faculty have little knowledge of the system which exists at this time, and more have an incorrect knowledge of our courts. These boards were created to protect the rights of all members of the WPI community whether student, faculty, or administration. The

operational catalog explains the boards well in addition to their functions.

The document which is used by the boards to determine whether or not an infraction has been committed is called the WPI Campus Code which has been published several times in the Newspeak. Since the inception of the Campus Hearing Board, we have heard cases ranging from larceny, drugs, cheating, computer mischief, to our most recent case where a student brought a member of the WPI faculty before the board charging him with awarding an unfair grade in a course. So you can see, the spectrum is quite broad and the system can be used to benefit all members of the WPI community if used properly. Right now, the most important thing is for everyone to become aware of the system and its uses.

If anyone has any questions concerning the operation of the Boards or has knowledge of any incidents which should be brought before the Campus or Dormitory Board, please feel free to contact either John Suomu SA 301 or Lenny Brzozowski Riley 109, Box 383.



Editorials

But Daddy, We Don't  
Wanna Have to Take Gym

At the faculty meeting on December 20th, the faculty should vote to abolish the Physical Education requirement. At the last meeting a motion to abolish all requirements was tabled to the next meeting. It seems that the faculty committee making recommendations concerning Phys. Ed stated that their survey showed most students favored the requirements. That is definitely and totally untrue. The Newspeak poll printed last week showed 85 percent of the students favor the abolition of the Gym requirements. The response was large. Even the student who conducted the poll for the committee stated that it was on a small scale and probably was not representative of student opinion.

We feel it has definitely been established that a large majority of students do not want any Phys. Ed. requirement, but let's look at a few reasons why it should be abolished. First of all, the spirit of the WPI Plan is one of virtual freedom. Certainly a student has to do various things to obtain a degree, but these are academically and intellectually oriented. There can be absolutely no comparison made between an intellectual course and Phys. Ed. If a student wishes to take a Phys. Ed. course he will, whether it is required or not. Also, if the requirement is abolished, up-

perclassmen will be able to take courses (now it is next to impossible to get in, for example, tennis) and the intramural program could be expanded. The Physical Education department would certainly be able to exist without a requirement; they might be forced to develop a more interesting and broadly based program, but this would be a benefit to the students and to the school.

At the last faculty meeting it appeared that a lot of faculty members favored the requirement. This seems ludicrous in the light of the developments at WPI in recent years. To have an innovative, imaginative curriculum and then legislate that students must take Phys. Ed. seems illogical. If faculty were participating in some sort of Phys Ed themselves it would be understandable. It appears that it is easy for faculty to legislate change for a group they are outside of.

Before voting, we urge all faculty to consider the issue carefully. Think about the WPI Plan, the advances made in the curriculum at WPI in the past few years, think about the student's opinion. We also urge the students to vocally express their opinions to their advisors and faculty members they know.

SCP, GFP, JTA



Sirs:

I am writing this in response to the conduct of the crowd during the Mountain concert. No one can justify such conduct; I will merely explain what I observed.

I arrived at the concert at 9:30. My first thought was to the huge piles of sound equipment on stage. This equipment overwhelmed me with noise, and I found it difficult to detect the melody. I later learned that eight phase linear amplifiers were used, as opposed to the more usual two or three.

The next thing I observed was a fight going on in front of the stage. Although the fight was quickly quelled, the atmosphere in Harrington was made more tense. I moved to the floor area. A drunk concert-goer held up a large clear glass bottle and dropped it on the floor, smashing it completely. Someone dropped a lit roach on the rug; no one made a move to stamp it out.

Feeling very tense now, I moved up to the upper balcony, next to the booth. I then saw this crowd go crazy and salute the group with lit matches. This salute moved me greatly, although I did not join in or even applaud due to my personal opinion of the short performance I had seen.

The encore was over; the lights came on. After the hall was cleared, I observed the wreckage. Broken bottles and empty cans were scattered about the cigarette butts and roaches. Numerous puddles of beer and wine abounded. I have never seen Harrington in a worse mess, and I have gone to every concert but one in my two years here.

One can not blame the Administration if they ban further concerts. I would not be happy with this decision but I can see it coming. Certainly we will get no groups like Mountain again. A closer check of the patrons for hidden bottles and cans of liquor might be the answer, although this would be unpopular. Apparently, the average techie concert-goer can get drunk at a concert and cause no problems; however, the type who throw bottles on the stage (I did not witness this), get into fights, and smash bottles when drunk will always be present. The smoking of hashish and marijuana, although illegal and not to be condoned, does not present this problem as this smoking tends to pacify rather than make belligerent.

Stephen Tuckerman '76  
SA 215

Dear Sir,

Lack of specific knowledge on the degree of availability of fuel oil requires that WPI have a plan which outlines progressive steps that should be taken to reduce its heat requirements.

It is for this reason that President George Hazzard has appointed an Energy Conservation Committee composed of Ms. Jean Flynn, Ms. Dianne Dix, Messrs. David Alcorn, John Grzyb, Stephen Page, members of the Committee on Student Life, Professors Long, Davis, O'Connor, Beal and Students Dennis Hatten, Wilford Lowther, Brian Mellea, and Lee Turner. The purpose is to study various means of reducing fuel consumption and the resultant impact on academic life. Such things as reducing the temperature to fifty degrees in Alden and Harrington Auditoriums, changing the intersession schedule or moving the start of Term C forward some period of time, con-

solidating classes and labs into fewer buildings will be considered. Other proposals, no doubt, will emerge. All ideas will be analyzed to determine percentage of savings and adverse impact on the educational goals of the college.

By lowering temperature throughout the campus, the college reduced its oil consumption by twenty-three percent in November. Electrical use is down twenty-seven percent. There is still a long way to go before we reach a goal of 68 degrees during the daytime with a drop to about 60 degrees in most areas at night. With additional effort and some expenditure for rehabilitating our heating system we should be able to make further oil consumption reduction.

At present it appears that oil deliveries will be based monthly on reduced percentage of last year's supply. This would indicate that our contingency plans will have to be flexible enough to accommodate the reduced allocation each thirty-day period.

By being especially alert to wasted heat, the college may not have to reduce or adjust its educational program. We are hoping for this but planning for more drastic measures. I am open to your suggestions.

Gardner T. Pierce  
Director of Physical Planning  
and Plant Services

ATTENTION MANAGEMENT ENGINEERS

Following title has been used for past two years:

HORNGREN: ACCTNG FOR MNGMNT CONTROL

SECOND EDITION

This edition is being revised. . . but will be used in TERM C (MG 2101).

If you have a copy you wish to sell, WPI Bookstore will try to sell for you if you will bring in the book with a slip of paper indicating your name, box no., and price you want.

All books must be delivered to the bookstore prior to December 14, 1973 except students using in Term B who must advise us prior to that date that they are willing to sell the title.

All unsold books will be returned to the owners after TERM C begins.

H. C. Thompson

Grading System

Certain aspects of the WPI Plan encourage Mediocrity. Specifically there are the grading system and the very large classes.

The grading system of AC or Dist. (otherwise a no-record) encourage students to get by with the bare minimum. The students who are interested in working hard in a particular area usually get a Dist., but many settle for an AC. Those who settle for an AC figure that they are unable to get a Dist. so they don't do much and get an AC. The problem here is the large range between the two grades. Whereas, in the old system where students might have gotten a B with a certain level of work, now many don't bother to do as much work because they can get an acceptable anyway. If there was a three grade system this large middle range would be eliminated. In many cases it seems this is the only motivation for, say a B student, to work to his potential. The freedom of the Plan would not be hampered, and QPA's etc. could still be eliminated.

The question of very large classes is a difficult one. These classes connote not only an impersonal atmosphere but lack of quality. It is difficult for a professor to teach 100 to 120 students at once. Too many times the student, by necessity, is forced to be a passive observer instead of participant. These classes also encourage students to get by with the bare minimum effort and many times, unfortunately, to cheat on objective tests as well as essays and assignments. The reason for these large classes is the number of projects that students take in conjunction with one faculty member. In the future the number of projects will increase and eventually a re-evaluation may be necessary. Possibly, instead of individual projects, more project groups should be encouraged and fewer large classes.

The time to start thinking, evaluating and acting on various problems is now, while there is still opportunity for change.

WPI NEWSPEAK

Volume 1    Tuesday, Dec. 4, 1973    No. 21

Stephen C. Page  
753-1411 x 518

Gerard F. Petit  
757-9308

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Jack Matte  
Ken Szefflinski

Writers this Issue: Al Briggs, John Dieters, Rich Dew, Michael Martowska, Gary Snell, Doug Knowles, Len Brzozowski, John Suomu, Joseph T. Forand, Thomas C. Gariepy, Ralph F. Miller, John Zekanoski, Ralph Nader.

Staff this Issue: Jim Grasso, Rich Dew, Paula Fragassi, Judy Nitsch, Lee Little.

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WPI Newspeak Office Tel. 753-1411 Ext. 464

Dear Editor,

I'd like to commend the WPI Newspeak for carrying Ralph Nader's In the Public Interest column, and express my hope that you will continue the feature. His editorial last week, Whose Energy Crisis? was especially to the point. You'd seriously doubt that there is an energy crisis if you passed by almost any Mass Electric Company office building on any night—not even very closely by, because with every single light on it's glowing, arrogant beacon for miles around.

David Libe





Dear Editors,  
Your reply to Adam Taylor's letter was one of the worst pieces of journalism I have ever read. Mr. Taylor obviously put a lot of time and thought into his letter and to argue it off with a one or two sentence reply is extremely inconsiderate. I also agree with Mr. Taylor that the "Rock 'n' Roll Revival" was the worst thing coming I have heard of, and having been here for four years I have seen more than you.  
In a letter last year I tried to tell you that in order to give criticism you have to be able to take it. You criticized the seven week terms after only one term, and even printed a petition to get rid of it.  
Editors Reply:  
Dear Joel,  
How dare you accuse us of writing the worst piece of journalism you have ever read, certainly we've written worse; you must have missed some.  
On a serious note we realize that the paper does not consistently please everyone on campus, however, we do not attempt to do so. We try to appeal to various interests on campus. It is extremely difficult to prepare a weekly paper for a student body of

them. You criticized WICN because "no one" listened to it.  
Well, kiddies, in my opinion, Newspeak is chock full of worthless garbage from "Rolling with Deb" to Bacchus' columns, and I DEMAND that, because you are in a position to reach the people on campus, you print a petition concerning Newspeak. You take quite a chunk out of our tuitions, and I feel that not enough happens on campus to warrant a weekly newspaper. Petition: Newspeak is to come out only once a month, with weekly activities to be included in the Monday Memo.  
Sincerely,  
Joel Loitherstein  
over 2000 with a handful of interested staff members. Have you ever experienced the frustration that quickly sets in on a Sunday when there's a pile of material for sixteen pages and enough staff for a four page layout team.  
You demand that we print a petition concerning Newspeak. Children DEMAND, adults REASON. Your option is to become a member of the staff and make a positive contribution to try to "improve" the paper.  
GFP, SCP

### Bolz Replies

Contrary to recent articles in Newspeak, Professor Clark has not been fired. Department Head positions are not permanent and the movement in and out of such administrative positions is normal procedure in academic institutions.  
The Life Science - Biomedical Engineering activity will not only continue as a vigorous and important one at WPI but efforts are underway, which have a high probability of success, to obtain funds for a major revision of the Life Sciences laboratories and significant additions to the laboratory equipment.  
We look forward to increased student interest in the Life Sciences area and great progress in the Biomedical Engineering activity in cooperation with the University of Massachusetts Medical School and the Worcester area hospitals.  
R. E. Bolz  
Vice President and Dean of Faculty

Recently several changes in our departmental structures were announced to strengthen our fields of Management and Social Sciences. In essence, from the present Department of Economics, Government and Business the business-oriented faculty will join with the faculty of the present Department of Management Engineering to form a new and broader Department of Management (the final name of the larger new department is under study). This department will have responsibility for the undergraduate programs in Business and Management Engineering as well as the graduate program in Management Science. Furthermore, a study will be undertaken by an appropriate committee of faculty members and practicing managerial consultants to point the way to future emphasis and directions for the activity.  
Joining the Economics and Government faculty from the Department of Economics, Government and Business will be several new faculty members from other areas of the applied social sciences such as political science, urban sociology, or social psychology. The resultant department to be called the Department of Applied Social Sciences will serve to strengthen our Interdisciplinary Qualifying Project work and will offer courses not only in economics, but in other areas of the social sciences as well. It will have responsibility for the major undergraduate program in economics at WPI.  
It is important to emphasize that no current undergraduate and graduate programs of instruction are affected by this change.  
R. E. Bolz  
Vice President and Dean of Faculty

# IFC

Worcester Polytechnic Institute  
Interfraternity Council

## Corner

DST and SAE to hold Oldies Night  
The brothers of Delta Sigma Tau and Sigma Alpha Epsilon are sponsoring an oldies night at DST, Friday night, December 7th. Sarno Drive will be the featured band. They do three separate sets with costume changes for music of the 50's, 60's and 70's. They are a good group with good music.  
The party will run from 8:30 to midnight, admission for guys if 50¢, girls are free. Everyone gets a free beer. It will be a good time, so come down to DWT Friday night.  
GREEK COLUMN — TKE  
On Wednesday, November 28, 1973, the brothers of Tau Kappa Epsilon held a special house meeting for the election of officers. These officers will hold office for a one year term and are as follows:  
President - Richard Mariano; Vice-President - Stephen Anstey; Treasurer - Donald Weymouth; Secretary - Paul Stein; Historian - Neal Wright; Chaplain - David (Deev) Samara; Sargent at Arms - Stephen Buckley; Pledge Educator - Maurice Giroux.  
Immediately following Wednesday's house meeting, TKE held our first "Revival of the 50's", for the enjoyment of all brothers and pledges. A good time was had by all in attendance.  
Saturday, December 1, 1973, saw several pledges from Southern Massachusetts University's TKE being hosted by the brothers of WPI's TKE for a meal and the completion of one of their pledge requirements. A fitting ending for what proved a busy week for WPITEKES.

## To London

November 14, 1973  
To: Dean van Alstyne, Dean Reutlinger  
Business Office, Registrar's Office,  
Public Relations, Newspeak  
From: Dean Grogan  
I have recently been advised by Professor Hammond, Chairman of the Committee for the Selection of Exchange Students for the City University of London, that the following students will spend C Term and D Term of this academic year at the City University of London:

Student	Mailbox	Advisor
Andrew C. Armstrong, ME	179	Gruabard
Robert W. Bigos, MA	294	Howard
Thomas B. Graves, EE	900	Connolly
+John R. Griffiths III, CE	917	Lamothe
Richard M. Haskins, EE	972	Eteson
Kurt A. Muscanell, CS	1543	Alpert
Henry A. Robinson, EE-CS	1811	Scott, L.
Glenn R. Smith, CE	1977	Benjamin

The following students will attend the City University of London during Intersession and Term C of this academic year:

William Delphos, MG	600	Bjorklund
+Perry S. Griffin	916	Wimmergren

## Townies to the Rescue

As a Junior, I have seen roughly 5 years of WPI concerts. I did not attend last Tuesday night's Mountain concert. As far as I could see, a large percentage of people died; in that Wednesday we had classes and Wednesday follows Tuesday night concerts.<sup>1</sup> However, our townies came to the rescue.<sup>2</sup>  
My adventures of that evening began as I was walking across Institute Road<sup>3</sup> being narrowly missed, backed into, and almost sideswiped, trying to get some rest for a class the next day. I went to my car in the Stoddard parking lot, screamed at a guy who pulled in and decided to park in front of the entrance, and escaped to the top of Institute Road. I then found myself driving through the trees in the road in that both sides were packed with cars.<sup>4</sup>  
Escaping to Institute and West Street, a car<sup>5</sup> ran a stop sign and turned up West Street forcing an incoming car to aim for me and my auto. I was scared, but survived with nary a scratch.  
In returning to my room, I was surprised to find that a townie had tossed a beer bottle at the first of the concert, eliminating 45 minutes.  
Aren't you glad the concert was open to townies? Shouldn't we also

## Ch 3310

Dear Sir:  
Chemistry 3310, first term organic chemistry, being given in term C, 1974, will have an IPI option. I can take up to 20 students in this group.  
Information sheets giving the gory details are available outside my office, Goddard 310.  
I need two tutors in this course. All students who have had the two terms of organic are eligible for these distinguished posts. You never learn a subject so well as when you try to teach it, believe me.  
Academic credit (1-6 unit) can be earned for this labor of love. How can you lose? Leave a note on my desk if you are interested.  
David Todd  
Dept. of Chemistry

## Arabs Speak Out

Fellow President of Students' Union  
This is an appeal to every fair-minded American student, and an address to his sense of justice and integrity in the cause of freedom and human rights.  
Unfortunately, most of the U.S. news media adhere to the Israeli viewpoint on the Arab-Israeli conflict, so we wish to clarify the much distorted Arab viewpoint.  
The roots of the present crisis are as follows:  
1. For centuries Moslems, Christians and Jews have lived together peacefully and harmoniously in Palestine.  
2. The Zionist movement, which started long before Hitler, took advantage of the Nazi persecution of Jews and arranged for their immigration to Palestine.  
3. In 1948, the Zionists declared Palestine a Jewish racist state (Israel), after many Arab inhabitants had fled their homeland to live in squalid refugee camps for fear of the terrible atrocities committed by the Zionist gangs.  
4. In 1956 Israel launched an unprovoked attack on Egypt and occupied Sinai. The international pressure headed by President Eisenhower's Government in the U.S. then forced it to withdraw.  
5. In 1967 Israel again attacked the Arabs and occupied their lands. Since then all attempts by the U.N. and by the Arabs to achieve a peaceful settlement and liberate their lands were rebuffed by Israel.  
It is regrettable that the U.S. government is still supplying Israel with the most up-to-date arms, not to fight for its existence, but to strengthen its grasp on usurped Arab territories.  
We appeal to the conscience of all students to support our just cause to liberate our land and to live in peace.  
Sincerely,  
(Mostafa Gamal)  
President of Students' Union  
Alexandria University

### Plodges, Scabbard & Blade

Carl Johnson  
Ralph Miller  
Jeffrey Moody  
Eric Paulson  
Chester Kokoszka, 1 SGT.  
32 Dean St. Tel. 752-9824  
Worcester, MA. 01609

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IF YOU THINK IT'S BAD READING THIS PAPER, JUST TRY WRITING IT.  
SUNDAYS 3 p.m. IN ALDEN GREEN ROOM.



# Right On - Wolfman

by Baccus

This past weekend my loved one and I went to see "American Graffiti" and needless to say it was great. But my purpose is not to plug the movie which, by the way you should go see because it is great - but to inform my reading public of a fact which may not be known and may be greatly appreciated.

As the movie came to a close and the voice of a disc jockey called Wolfman Jack could be heard, the lady sitting next to us turned to me and asked "Is there really a Wolfman Jack?" To which I replied "Lady, does McDonalds have golden arches?"

Well there certainly is a Wolfman Jack and every weeknight he's "howling and prowling" on WNBC radio 66 in New York from 7 - 12 p.m. Wolfman recently came to NBC from an L.A. radio station because NBC needed a good rock disc jockey to battle ABC's Cousin Brucie for the evening rock audience's ear. Before he started broadcasting in California he used to broadcast from just south of the border in Mexico with a 100,000 watt output. On a clear night Alaska would pick his show up. After an increased following he went to California and from there to N.Y. Anyways NBC didn't just get any D.J.; they got the best.

You may have trouble receiving NBC on an indoor radio but your car radio will pick up the station readily. So some night when you're on your way to one of those intimate little meetings, tune in Wolfman Jack - he's guaranteed dynamite.

And to borrow one of his phrases "If I'm lying, I'm dying".

P.S. If you don't like this opinion either Mr. Taylor you can notice the Mistletoe hanging from the back of my belt.

# Financial Forum II

by Michael Martowska

In the last issue of the WPI Newspeak it was said, "this (theoretical) need is calculated through a formula of the College Scholarship Service. It must be noted that Mr. Heselbarth, the Director of Financial Aid, can make exceptions to the formula if he feels the situation warrants it." Although the paragraph was a brief summary of how students with equal need can receive different packages, the article was concerned mainly with the fact that students recommended by the athletic department received a better package. Some people, including Mr. Heselbarth, felt many people would read this in such a way as to be misled into believing that he changes the theoretical need of student athletes in order to give them more money.

That isn't correct. The only time he bases aid on need other than that calculated by the formula mentioned is when he feels the family situation can't possibly be represented fairly by that formula. An example would be where a student's father made \$30,000 during the year, but the student's brother required \$15,000 by way of medical care for a first time that year. Mr. Heselbarth would then look at the situation carefully and calculate the student's need in a manner similar to the formula, but taking the extraneous circumstances into account.

Students recommended by the athlete department only receive the advantages over the average student on financial aid of:

- a) a better chance of having their need being met in full;
- b) a larger proportion of scholarship to loan or job; and
- c) a better chance of having a financial aid package consisting only of scholarships.

The 39 student athletes were receiving close to 60 percent more in scholarships each relative to those on aid who receive scholarships at all. (Some students receive only jobs or loans, some have need not being met at all and most don't have their need being met in full.) I question the priorities involved.

What I failed to mention was if a student's need remains constant while he is at WPI, his financial aid package remains constant. Thus, these 39 students wanted for their athletic ability don't have to participate in athletics to continue receiving these packages. Some students have done just that. They say they will participate, get a good financial package as a result, then say, "the heck with participation, I got what I wanted."

Therefore, we are indirectly paying athletes to play while they are refusing to do so. A simple way to solve this would be to remove athletic ability as a priority in financial aid awards. If this isn't possible (since WPI wants them), then at least their financial aid should vary accordingly. If they participate, let them keep the package. If they don't, then their package should be equal to a student with the same need and academic potential who doesn't participate in athletics.

This latter idea would be a move in the right direction. The first idea is even better. It would solve some problems as well as "help equalize educational opportunity" (as it says in the philosophy of the Financial Aid Statement). Who is it who decides which sport should have more power in recruiting student athletes through the financial aid department? With football getting 25 out of the 39, you might expect them to have a winning season, or at least a record comparable to the other sports here. On the other hand, how bad would their record have been without these 25?

How many of the 39 would have come if they were treated as equals? Would we have lost all of them? Isn't WPI's educational opportunity attractive to them? What about the WPI Plan?

It isn't only a question of treating them as equals, but also a question of which students to "buy" if you "buy" any. Could the money they received been used to attract 39 more students with high academic potential, or perhaps 50 more average students? Exactly who is it that we want to attend WPI?

# Food and Dorm Committee

Food Comm.

1) Taking effect as of Nov. 26, 1973, there will be an 5 & 10 meal plan offered. 5 meals a week will cost \$8.50. 10 meals a week will cost \$20.00. The five meal plan will consist of lunches only. The 10 meal plan will include both lunches and suppers. This was set up for commuters, but if anyone else wants it, it will be available.

- 2) Lunches starting Nov. 26, 1973 will consist of the following:
- 1. A hot entre or something like a beef stew.
  - 2. Hamburgs or cheeseburgs.
  - 3. Hot dogs.
  - 4. French fries.
  - 5. Hot soup & vegetable.
  - 6. A cold sandwich.

All of these will be offered each day. You can pick and choose. This menu will be offered on a trial basis until Christmas.

3) As to the stale cake that we have been being offered, it has been suggested that it not be cut and put on plates but, put out on the salad bar in the pan and let the students cut what they want. The old way was to cut the cake in the afternoon in preparation for the evening meal and then served at the meal. By that time it had a stale crust on the outside. People did not like that so the food service will try it the new way for a while.

Even if we keep athletic ability as a priority, maybe we should shift the emphasis to another sport. Maybe we could build up one of the best soccer teams in the country. They have a pretty good record over the years without much help. Think of the possibilities with 25 more good soccer players than we have now. The hockey club also does fairly well. Why not make them a team and recruit more good hockey players? It seems WPI would rather pay well to have a losing football team.

4) We all have been a little pissed off about the limited supply of ice cream sandwiches available at all meals. The food service is now ordering more than before. The problem still is that Hood only delivers twice a week, Tuesdays and Fridays. We don't have a big enough order, in order for Hood to make another stop each week. Plus we only have a limited amount of freezer space available. So just get your ice cream at the beginning, and please only take one so as everyone will get one if they so choose to.

Dorm Comm.

1) We were talking about ways to entertain the students for the rest of the year. Some ideas were discussed as follows: 1. We talked about having another mixer, but the facts weren't too encouraging. First off it will cost about \$150.00 to \$250.00 for a band. Using 16 to 19 kegs of beer a night at \$18.50 each comes up to \$296.00 to \$351.50. We also have to get a liquor license, which will cost from \$20.00 to \$30.00. Money also has to be allotted for beer tickets and janitors to clean up afterwards, and we have to have at least two security guards on duty who we have to pay for. This all adds up to a lot of money and it turns out that mixers only pull in a profit of from \$5.00 to \$10.00. This can be attributed to the people who tend bar and sell beer tickets, who will give free beer to people they know or give tickets to people they know. This will eat up about 3 to 4 kegs of beer. That is where all the profit goes!!

2. It was suggested that we have a soap box derby on snow skis. There would be a limit on how much you would be able to spend, and there would be a prize given at the end for the winner, best looking car and maybe a few others.

3. A tricycle race around the track in alumni field, consisting of 150 laps and 10 member teams. There would be a participants fee and an admittance fee to see it.

4. A ten speed bicycle race of 100 miles, containing 3 other races of 15, 25 and 50 miles. Participants fees would be charged.

5. The most ingenious contraption contest. A prize would be awarded for a number of different categories.

2) The driers (in Daniels Basement) will be looked at in the near future. Also the heating situation will be further looked into. As what can be done is questionable because the heating system was not constructed to have access to regulating the heat.

3) The pub is still up in the air as to where it will be set up. It might be set up in the room where the snack room is now and the snack bar will be moved into the wedge. This is still temporary.

**THERE'S ONLY  
15 DRINKING DAYS LEFT  
AT THE PUB IN TERM B.**

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### SHOWCASE CINEMAS 12

Starts  
FRI.  
5:45,  
7:25,  
9:20

**"COPS AND ROBBERS"**

SAT.-SUN.  
CONTINUOUS  
FROM 2 p.m.

WALT DISNEY'S  
**THAT DARN CAT**

WK. DAYS  
5:20, 7:35,  
and 9:45  
SAT.-SUN. 2:20  
4:40, 7, 9:00

**THE DON IS DEAD**

SAT.-SUN.  
CONTINUOUS  
FROM 1 p.m.

"DON IS DEAD"  
WEEK DAYS AT  
5:45, 7:50, 10:05

CINEMA 1 at WEESTED SQ.  
GIFT CERTIFICATES ALWAYS AVAILABLE

**STREISAND & REDFORD**

PG  
WK. DAYS  
2, 7:30, 9:40

NOTE: SAT.-SUN. AT 1:30  
SPEC. CHILDREN'S SHOW

**"Way We Were"** AT  
3:30, 5:30, 7:40, 9:50

**Only 3  
More  
Weeks**

**Nothing to do? — Go  
to the Campus Pub!**



# In The Public Interest

## First Cut the Waste

by Ralph Nader

WASHINGTON — One of the benefits of the present short term energy shortfall is the attention it throws on the enormous waste of energy by supposedly cost-conscious industrial and commercial firms. Many corporate executives will have to explain why and how they dissipated corporate resources over the years while holding out to shareholders and consumers an image of vigorous cost control efficiency.

For example, without any impairment in productive output, General Motors is reducing energy consumption at its facilities by twenty percent this winter and fifteen percent the entire year.

RCA reduced fuel oil consumption by about forty five percent at its Camden, New Jersey plant during the first half of this year. At another one of its New Jersey plants, the electronics giant cut its fuel oil intake by some fifteen percent since January.

ITT increased its goal of reducing energy usage from ten percent last spring to twenty percent for the coming year at all its industrial subsidiaries.

These are samples of the almost effortless ability of corporate managers to reduce markedly their demand for fuel and electricity. Such simple steps as improving boiler efficiency, closing doors, using waste heat, turning off unneeded lights, curtailing unnecessary vehicle usage, shutting down underutilized machinery, and turning down thermostats are responsible for such reductions.

Finding out why companies waste so much energy would tell consumers and shareholders much about our waste-ridden economy generally. Leon Himmel, special assistant to ITT's president, describes energy use in the U.S. as profligate. He says most corporate managers ignore energy costs because these costs average less than one percent of the cost of sales.

Judging by how meticulous corporate giants are in asking the subservient Cost of Living Council for price increases, there must be reasons other than careless oversight to explain such industrial wastrelism. These include inadequate disclosure of comparative energy usage, indifference of shareholders, the absence of rigorous competition in the many concentrated industries and an Administration in Washington which failed to plan for the energy problem it clearly knew was coming.

The people are not getting the facts about energy waste which is the basis for the demand being in excess of permissible supply. If the economics of France and England get along with about one-third and one-half respectively of the per capita energy consumption of this country, we should start asking why.

Architects are documenting the fantastic energy waste (up to forty percent) inherent in the design of the large, new buildings that frame the skyline of the city. The larger of these buildings in New York or Chicago consume more electricity or fuel than some smaller cities.

While the already profitable natural gas industry engages in a limited producers' strike over its huge gas reserves until it gets sizable price increases, its distribution companies are reluctant to do anything about the pilot light disaster. Company officials privately admit that at least one-third of all domestic gas in homes is used by pilot lights. There are better ways available to same 400 billion cubic feet of gas per year.

Without government leadership, by its example, disclosures, and law, waste reduction to save consumers billions of dollars and reduce pollution will not be promptly implemented.

What Mr. Nixon continuously avoids doing is placing the principal burden where it belongs, on industry and commerce. The business sector not only consumes seventy percent of the nation's energy but it also designs products and buildings that make consumers waste as well — from inefficient automobile engines to uninsulated residences.

Consumers must not be stampeded into accepting from Congress and the White House policies that promote price rises, lower pollution standards, and greatly understated domestic oil and gas reserves. For once these policies are passed into law, it will be a long time before they are rolled back. Let the Congress hear from you.

# NSF Watches Plan

The National Science Foundation (NSF) is a government funded agency, whose primary function is the initiation and support basic research and research facilities in order to sustain U.S. leadership in scientific progress. Besides the funding of research projects etc., the NSF also makes various studies of science oriented institutions. The purpose of these studies is to determine the ability of an institution to supply manpower, adequate in quality as well as quantity to meet present and future national science needs. The NSF has been conducting such a study here at WPI. The study has consisted of two visits per year for three years by an advisory panel, made up of highly expert educators and industry representatives.

This advisory panel (which is completely funded by the NSF) have been evaluating the WPI system with respect to the science needs of the nation and WPI's ability to cope with those needs.

This year the panel has been exposed to the WPI Plan in its first year in full swing. Naturally they are very interested in the Plan's application and ability to produce informed, modern young scientists.

Obviously, the administration and student body here at WPI should be extremely interested in what the NSF has to say about the Plan.

The complete and finalized report of this committee will not be ready for some time, as the advisory panel has one more visit to make to the school in April. However, Dean Grogan, who worked with this panel on campus, has related some general reactions of panel members concerning WPI and the Plan. Here are a few of their observations.

- (1) On the whole the WPI Plan is considered a breakthrough in modern education and if carried properly, should prove very successful.
- (2) The audio-visual equipment and especially utilization is of the most advanced in the country.
- (3) The concept of the Interactive Project is extremely imaginative and unique to WPI. Many members of the panel stated that this was an area where WPI had taken a great step forward.
- However, on the other side of the coin, some members of the panel cited some areas of concern in the Plan.
- (1) First year students should be given more direction guidance, and some concern was expressed for students who fail courses, but continue on anyway with proper background.
- (2) The Plan does not adequately provide remedial help and assistance to students having difficulty coping with plan.
- (3) The advising system has displayed unevenness and inconsistency. Highly motivated advisors mixed with apathetic advisors was noted.
- (4) One area of great concern was a lack of adequate social life to balance the high-powered academic life.
- (5) Also the panel displayed concern for the admission process and were interested in seeing what type of student was attracted to the WPI Plan.
- In closing, I would like to stress that this is not a finalized report, but just a summary of notes taken by the advisory panel. It will be interesting to see how the "PLAN" will stand with these experts in education when they make their report.

John Zekanoski

Co-Schedule

Interview

Returns via Student

Mail Box

Resume Forms are

contained

in Placement Manual

EXAM FOR

Dept. Public Works

Dec. 8 - Sat.

9:45

Stratton Bldg.

CE Dept.

Good Food — Good Talk

ROTC Dining-In

by Ralph F. Miller

Friday evening, Nov. 30, the 6th annual WPI ROTC Dining-In was held at the Officer's Open Mess at Fort Devens, Ma. The Dining-In is a semi-formal affair which began with an hour of cocktails in which everyone gets acquainted. This is followed by dinner featuring broiled rainbow trout and roast prime rib of beef au jus. During dinner ample opportunities for toasting were provided by Mr. Vice the jester. Toast followed toast with a lot of jesting and joking until the end of dinner. After dinner there was a short break, then dessert and finally cigars and the address by the guest speaker. This year the guest speaker was the Reverend Edward T. Connors, who talked about the best years of his life, those being the time with the 9th Division in WWII. With the conclusion of the address, the colors were retired and the evening concluded by cocktails and conversation.

As with previous years, the Dining-In is designed as a vehicle whereby cadets, military personnel, school administrators, faculty and community representatives can socialize and enjoy themselves. Among those who attended were President Hazzard, Dean Grogan, Profs. Ma and Olson, Harry Thompson, Father Scanlon to mention but a few.

Ralph F. Miller

# School Partnership Program

## "I'd Build a School"

"What would you do with a thousand dollars?"

The answer to this question a decade ago by a man who headed a U.S. foreign-aid mission in the Near East was: "I'd build a school."

His answer led to Peace Corps School Partnership, a program which involves students in this country with students and communities overseas.

Since that time some 2,200 schools, civic organizations, and church groups have built more than 1,700 schools in 48 countries in Asia, Africa, and Latin America. All of these countries are served by Peace Corps volunteers who are helping to identify community needs; whether it be a school, health clinic or village well, and writing School Partnership for help.

The village people must make a commitment to supply the necessary land, labor, teachers and 25 percent of building costs, before their "project" can be assigned to an American fund-raising partner. Once a school or organization receives a volunteer's written proposal it agrees to send its contribution within 90 days. Usually a goal of \$1,000 to \$2,000 is set which is sufficient for building a small but adequate school in most developing countries.

As the building is constructed, the American sponsor is kept informed of progress by the Peace Corps volunteer in the overseas community and

sometimes scrapbooks and correspondence are exchanged between the American students and their new "partners."

"School Partnership helps build a foundation for human understanding," commented W. Lee Baihly, Director of the program. "Both groups gain because both give and both receive."

In order to raise funds for their assigned projects schools have dances, starvation lunches (students pay to the SPP fund and skip lunch one day), poster sales, walks for development, car washes, bazaars, and record sales.

Within the past year schools have been built in such diverse regions as Lomaivita, Fiji; Vonleh, Liberia; San Antonio de Nugro, Ecuador; Berkum, Ghana; and Cundinamarca, Columbia. But hundreds of other villages in developing nations around the world are anxiously awaiting a partner. As a village chief in Huay Sala, Thailand, commented:

"For us it is too late. We are old people. But we have seen what civilization is and we want a school for our children so they can share in this civilization."

For further information, contact: ACTION Peace Corps—School Partnership Program, Washington, D.C. 20525. Call toll free: (800) 424-8580 ext.26

Has anybody here seen my old friend, Peak Man?

gort

This ridiculous WAR just goes on and on....?

What do you suggest?



To WIN th' damn thing, what else? If only we had an iron-willed individual, then give him TOTAL MILITARY POWER, let 'im loose, and WIPE 'EM OUT!!



I'm afraid Douglas MacArthur is dead. So I guess that's it.

HEY! There is one guy...but I dunno if he'd be interested! BUT I'LL FIND OUT!



Would you be interested in taking a Cabinet-level position & take care of a little problem, Godfather?





# THE REEL THING

by Bruce D'Ambrosio  
Len Goldberg

## McCabe and Mrs. Miller

McCabe and Mrs. Miller was the Lens and Lights movie on November 25, starring Warren Beatty as McCabe and Julie Christie as Mrs. Miller. McCabe is a former gunman who decides to open up a saloon and gambling establishment all his own; Mrs. Miller decides to open up a "place of ill repute" with him as half owner, if he builds the house. Everything goes along well until the zinc miners (big business back then) make McCabe a kind offer to buy all his operations. McCabe refuses, and then they are not so kind anymore. After a long chase, three gunmen are dead, and so is McCabe, but Mrs. Miller, who wanted to give in all along, still lives. There is a lesson to be learned from this: you can't fight

industry.

The movie is very subtle about the whole plot, and you have a lot of time to reflect on just what the devil is going on. What seems to be a lot of meaningless scenes are thrown in, and I have no idea why. The movie is confusing at times, and gives your emotions quite a workout. However, at the end of the movie, you are left anticipating something (anything) else to happen, and it never does. This feeling is common in a lot of movies, and I never did like it, but it's there. The acting and the direction, (Robert Altman) is good, but not outstanding. In general, the movie is a good movie, but it will never be a classic of cinema.

## "Many Moons" at WSC

The Media department of Worcester State College will present "Many Moons" on Saturday December 8 at 11:00 a.m. The play will be presented in the study hall of the Science Building on the Worcester State Campus, 486 Chandler Street, Worcester, Mass. This play for children was written by James Thurber and dramatized by Charlotte Chorpeneing.

"Many Moons" is the story of a young princess who is very ill. The only thing that will make her well again is the moon. This presents a problem for her father, the king. How will the king get the moon for his daughter? The king's jester finally comes up with the solution

and here is where the play's excitement lies.

The cast of characters is as follows. It is comprised entirely of people from the Worcester area; Diane Rice, Dominic Priolo and Dori Rayworth, Bea Freidman, Joanne Boucher, Cathy Archibald, Tony Fulginiti, Ralph Lord, Gilbert Canual and Rosemary Duffy. Tickets for the Worcester State performance, which is the only one open to the public will be available at the door. Children under 12 are to be admitted free of charge. Adults will be charged \$1.00. Students with college I.D.'s will be charged 50 cents. For further information, please call 756-5121, extension 311. The school

BY Gerald Forstater

Oh what a life it must be to travel in a band making it to the top thinking people enjoy your music so much they pay to hear you sing. And then that night comes when you play a college called Tech and you go on starting out as usual. Your name is Niels Lofgrin and you've traveled from Great Britain to Europe to America only to find at this Harrington Auditorium, some wise ass throws a beer bottle at your face. After your first number you must leave the stage and go directly to the hospital. It's too bad; the penalties of inviting the townies.

Mountain was of course the featured performance and now that Felix Papalardi is with them again it is even a better show. The story of Mountain goes something like this; way, way, back in Atlantic records there was a producer who grew up to become an orchestra composer. He studied piano since he was eight years old and went to the University of Michigan to receive a B.A. in Music. During this time he studied bass, violin, french horn, and various other instruments including guitar.

children of Worcester and South-boro will have an opportunity to see this play on the following days at their schools. December 11 the cast will perform at the Belmont Hill Community School in Worcester. On December 12, Edgeworth Street School, Worcester. On the 13 of December it will be seen at the Margaret Neary School in Southboro, Mass. The last performance will be at the May Street School in Worcester, Mass. The date will be December 14. The show is being directed by David A. Seiffer of the Media Department.

It was after college when he met up with Tim Harden doing folk work and then with Ian and Sylvia to spark the creative genius underneath. This is about when Atlantic hired this fellow; his name is Felix Papalardi. A little while in the studio and Felix was found producing Jesse Colin Young and the Youngbloods. Next he was assigned to help with Cream on their album, Disraeli Gears. Three of the finest musicians belonged to this group; Ginger Baker (who now owns a drum and art studio in Africa), Eric Clapton (who makes money in England somehow), and another bassist, Jack Bruce.

It was after Goodbye Cream, Vol. I, (which was after Wheels of Fire, which was after Fresh Cream, which was after Disraeli Gears) that a short fat guy named Leslie West was introduced to Felix. West brought with him a spectrum of guitar sounds that no one yet had come close to sounding. Felix originally came from Nantucket, Mass. which is where the rest of Mountain came, Corky Lang on the drums and Steve Knight on organ. Together for close to two and a half years they

formed three albums (1) Leslie West with Mountain, (2) Mountain Climbing, and (3) Nantucket Sleighride. After this it was time for a change and the group set up an "out of order" operation. Leslie then teamed up with Jack Bruce after Cream broke up to replace Papalardi's postponement. The group was now called West, Bruce, and Lang and in my opinion had one of the greatest guitarists (West), an unbelievably fantastic song writer (Bruce) and a half beaten drummer (Lang), which all in all produced a set of loud rhythmic puke.

It was a pleasure to see Felix back with Mountain because they put on an excellent show with great music.

This certainly was an excellent concert except for the incident in the beginning. If only the idiot who threw the bottle knew how much Leslie West was pissed off. Because of the trouble we lost an hour of music by the whole group Grin and possibly another 45 minutes out of Mountain. Better luck next time, it can't be any worse!

### Mountain Concert Statistics Released by the Social Committee

(some bills have not been submitted and the expenses are estimated)

Expenses	
Grin	\$ 300.00
Mountain	6,500.00
Lordly & Dame Commission	650.00
City Police	294.00
Sound	850.00
Lights	500.00
WORC Spots	118.80
Harrington Rental (est.)	900.00
Tickets	35.00
Posters (est.)	90.00
WAAF Radio Spots	216.00
Food, refreshments, etc.	50.00
Piano (est.)	67.50
Total	\$10,571.30
Income	
Non-student ticket sales — 1565 at \$5.00	\$ 7,825.00
Student ticket sales — 936 at \$3.00	2,808.00
Total	\$10,633.00
Total Income:	\$10,633.00
Total Expenses:	—10,571.30
Profit	\$ 61.70

## The Making Of a Social Chairman

This year's Social Committee is presently planning a two-day Intersession course meant to help make students aware of the responsibilities involved in running a social program for WPI. The course will involve budgeting, arranging programs, bookings, contracts and legal implications, dealing with agencies, tickets, publicity, and security for concerts.

The Social Committee is being restructured for next year and this

will be done with the assistance of participants in this course.

The course will also include discussion with a representative from a large booking agency and as well as with student social chairman from another New England college.

Because of added interest in the course, the class size has been increased to include 10 more students. Students should sign up in the Intersession Office mornings 9:00 a.m. to 12:00 noon.

Interested in  
helping to run the Coffee-House?

Come to the Wedge:  
Friday, Dec. 7 at 7 p.m.

or write:  
Box 2385

## Lecture on Slavery

An economic historian, whose latest research shows that many widely believed characterizations of the slave experience in America are wrong, will lecture Wednesday, December 12 at Holy Cross College. He is Professor Robert Fogel, an economist at the University of Chicago, who will speak on "The Meaning of the Slave Experience to the Blue Collar Workers: What Slavery Was Really All About" at 7:30 p.m. in Hogan Campus Center, Room 519. The lecture is free and open to the public.

Professor Fogel, this year's F. W. Taussig research professor visiting at Harvard University, will speak under the sponsorship of the Sperry & Hutchinson Lec-

tureship Series. He is one of the founders of the quantitative and analytical school of economic history and his work has been instrumental in correcting many of the fallacies about the westward expansion of the U. S.

The work he will summarize in his talk is the culmination of over two years of effort and a grant of \$250,000 from the National Science Foundation. He has a sample of data on over 250,000 slaves from 1850 - 1860, or about five per cent of all the slaves of that period. The research was conducted with Professor Stanley Engerman of the University of Rochester, the results of which are being published in March 1974 by Little Brown in the form of a book entitled "Time on the Cross."

## The Country Highlites

presented by: The Friday The

13th Coffee-House

DEC. 7 at 8 p.m.

in the Wedge

wine will be sold

★ ★ Added Attraction — Flicks ★ ★

COME

TO THE

PUB

SUN. → FRI.

4 p.m. → 12 p.m.

Great Beer

at low costs





# The Faculty Pen

## Be a Businessman!

by Joseph Mancuso

While Watergate and Vice presidential processes provide fuel for heated discussion and talk of the Mideast and international policies provide diversions from internal affairs, neither issue is of day-to-day importance to citizens who work for a living. The crunch of the bunch who exchange infinite number of hours for a shrinking paycheck has reached catastrophic proportions. Revolutionary topics are entertaining and intellectually intriguing, but they don't put meat on the table. The various Nixon cases to save the U. S. economy have resulted in runaway inflation. But how can citizens fight so difficult and complex an issue? Who can the workers turn to? The government who masterminded the mess? The economist who can't agree whether to use fiscal or monetary policy?

Where and who is our American hero? Where is superman when we need him most? Do not fear — I have solved the problem or at least know the name of the savior — the entrepreneur.

What has clearly differentiated the American economy from the rest of the world has been the free enterprise system. In practice, that system works. In theory, all the other systems sound better. The men who play and win in the American capitalist system are entrepreneurs. They start businesses where no business business previously existed. They are business starters. They are not masters in the worst tradition but businessmen with daring and skill. They are good people.

How will these heroes save the day and return inflation back to a creeping condition? That's not so easy to answer, but I believe these men of daring are American's best hope. The rest of us must unite to untie their chains and focus their energies for life-saving results.

Have you wondered why prices have risen so sharply so fast? I don't care what government economists claim. My answer is that the competitive system has broken down. Not enough supplies exist to keep up with the demand. Competition has given way to a process of producing all you can and selling it for all you can get. Here is how we can reverse that tragedy and bring back competition. Let's say you and I decided to start a business. To be successful at a new venture, we must sell a product or service better or cheaper than what now exists. It's a simple law of supply and demand.

Let's assume we chose farming. To make a profit we'd have to go like hell but, if we work hard, maybe we can do it. Better yet, if we can produce more goods for less investment or if we can discover a unique or less expensive product, we've started with an advantage which can make us rich.

But what is even more important is the rest of the U. S. economy wins, too, save a small number of antiquated competitors who were marginal farmers. In the end, though, they'll also be better off in

the city and thereby leave the farming to those who are more efficient at farming. The customer wins big in this natural free market model. He consumes this better product and he's better off.

This same sequence of events has happened in other industries in the U. S. economy. Mr. Ed Land found ways to deliver a better camera and Mr. Ken Olson found ways to deliver a better minicomputer. Polaroid and Digital Equipment Corporation are new businesses founded by Massachusetts entrepreneurs. The same story can be told about Xerox, IBM, McDonalds, Kentucky Fried Chicken, and dozens of other U. S. companies. Because of these entrepreneurs, the U. S. consumer is better off as well.

So you see, what happens to the money supply, interest rates, and the stock market aren't the central issues in our economy. The crucial issue should be how many new businesses failed to start or how many young businesses were still-born. If a free enterprise system kills off the new businesses, the entire system becomes stagnant and polluted.

How can we reach the entrepreneur to get him working on this crisis?

The way to reach him, all kidding aside, is to wave around a bundle of money. He'll see it and soon be in hot pursuit. It's like flashing the batman sign across the skies of Gotham City.

Because of private run-down condition, it's my opinion that government has to provide the risk capital for new businesses. The present environment for small business is too polluted and stagnant for a single private company to clean it up single handedly. They need government help.

But, more important, little business seeds would be planted. Some would die. Some would blossom.

According to Darwin, some of these new businesses would survive and eventually prosper. And they'll be the ones which provide a better or less expensive product. These new companies will offer a wider choice in a free marketplace.

Sanity can return to the economy. I can take my wife to eat at a decent restaurant. We can switch from fish to meat. We can look for a new home and some new furniture, too. My neighbors will be able to get jobs. New and better products will be available to consumers.

Compare all of this to the chaos which now exists. It's so simple that it may be too simple. In fact, it is too simple. I've neglected the condition of the government.

The government is hand-tied, too. They'll never be able to face so crucial an issue squarely. They'll talk about foreign policy, visit China, and conduct summit conferences.

So, as usual, it's up to a small group of pioneering businessmen to act. Every citizen must do his share.

Small business is lying mortally wounded, and big business and the government are feeling ill. Neither can gather the money and momentum together to breathe life into the small businessman. Everybody is down and out. What can we do in such a crisis?

Each individual businessman must do what he can do within reason. Solving the problems of big business or the government are too complex. The entrepreneur offers an economic multiplier. His energies only need to be released. So, Mr. Entrepreneur, where are you? I have some money.

# MARANATHA On Success

SUCCESS, ARE YOU SEARCHING FOR IT?

Success is defined in Webster's as "a favorable termination of a venture; the attainment of wealth, favor or eminence." How do you find this success? Just recently a man on the President's Advisory Staff fell from the bosom of success to the clutches of fate and defeat. Quite an elusive concept isn't it, one minute you have it, the next you don't.

Are you looking for that success which produces the fruit of happiness? You can stop the search right now and obtain success. Take a look with me of how it can be done.

First, here is a promise of achieving success. "You may have success wherever you go..." Joshua 1:7-10 (The Bible) Joshua had just become the leader of the Israelites after Moses died. He was searching for the key to success in leading his people. What is the key?

Second, this is the kind of success to be achieved: "Do not lay up for yourselves treasures on earth, but lay up treasures in heaven. For where your treasure is, there will your heart be also." (Matthew 6:19-21) How in the world can one lay treasures up in heaven? Will my heart actually be with these treasures?

Third, this is the successful person: "Blessed is the man that walketh not in the counsel of the ungodly, nor standeth in the way of sinners, nor sitteth in the seat of the scornful. But his delight is in the law of the Lord; and in his law doth he meditate day and night ... whatsoever he doeth shall prosper. Psalms 1:1-3.

Success is the blessing of God upon your life! Simple isn't it? God's blessing is success; the curse of sin is failure. How do we get rid of the curse and have the blessing? Through Jesus Christ. By accepting Christ as your Lord and Savior in your mind and most importantly in your heart. He will forgive your sins and give you power to be a child of God. Just ask Him. He promised, "I stand at the door and knock, whosoever hears me and open the door, I shall enter." (Revelation 3:20)

My life changed from an insecure, unbelieving, unsuccessful life to one full of joy, love, and understanding. Jesus can do the same in your heart as he's done to millions. It's exciting to know Christ. Really Exciting!

Roger Leighton

## Pass/Fail Fails

(CPS) — A recent survey indicates undergraduates with more than 10 percent of their courses graded on a pass-fail basis will be disadvantaged when applying to graduate and professional schools.

According to the Educational Record, the survey also indicated students with a majority of pass-fail courses will also face difficulties in transferring to other schools, obtaining financial aid, and finding employment.

The poll of 200 graduate schools, 50 law schools, and 50 medical schools showed that admissions directors feel evaluation of pass-fail is "extremely difficult, if not impossible."

student's grades are non-traditional, he or she is likely to experience problems."

The survey revealed that when law schools are faced with a largely pass-fail record, they rely heavily on Law School Aptitude Test (LSAT) scores to determine a student's aptitude. Grade point averages based upon a combination of the traditional and pass-fail grading are regarded as inflated, according to the survey. A statement by the LSAT Council on Pass-Fail Grading Systems said grade point averages based on a combination of grading systems "Seem to overstate in a compound way the student's general academic ability and achievement."

Medical school admissions committees dislike pass-fail grading due to the extra time involved in reviewing applications, according to the survey.

One admissions officer wrote, "At present the task of evaluation requires much reading and interpretation of grades, recommendations and activities. To add copious evaluations in lieu of grades would be frowned upon in light of 5,500 applications."

The survey also found students with large numbers of pass-fail grades will face problems in applying to grad schools of arts and sciences. One admissions officer noted those submitting transcripts with non-traditional grades might be admitted, but "will probably be assigned a probationary status." He added that such applicants "encounter serious difficulties in competing for financial aid where candidates are rated on the basis of their grade point averages."

Nationwide admissions officers expressed general agreement with the survey's findings and noted a preference for graded course work. One at Harvard said, "Pass-fail grades... are of no help to us. We don't even try to evaluate them."





## URI Mini Courses Bridge Science Gap

Ed. Note: The following was reprinted from the "Providence Bulletin", 11-6-73.

URI MINI-COURSES SEEK TO BRIDGE GAP IN THE SCIENCE DISCIPLINES

by Thomas C. Garipey

Aspiring engineers should not be fed a steady diet of slide rules and figures, just as social scientists should not just consume theories and abstractions.

This is the contention of Dr. Peter J. Gielisse, a professor of chemical engineering at the University of Rhode Island, who says the world's major problems cannot be solved by over-specialized scientists with no experience in other fields.

"The physical scientist is now educated as an engineer, and the social scientist as a social scientist," Dr. Gielisse said recently. "Trying to bring their expertise to bear on societal problems is not going to happen by itself."

Dr. Gielisse is doing his part to help the process along. His mini-course, "the significance of technology" gives non-engineering students a look at the ethical, philosophical and political aspects of technology.

Dr. Gielisse, who worked in private industry and government laboratories before becoming a professor, received most of his training in engineering, a 'hard science.' But his interests extends to other areas as well.

He is chairman of the university's international studies committee, a member of several other boards and is chairman of the Catholic Diocesan Board of Education.

And, in keeping with his feelings on the need for a broad education, he does extensive reading — some of it in fields far from engineering.

The philosophy behind the mini-course is a simple one. Dr. Gielisse says that approaching any large problem with tunnel vision, oblivious to possible solutions in other fields, is not an efficient way to work.

"Social problems require an interdisciplinary approach," he explained, adding that a problem with engineering, chemical and economic implications cannot be

solved by an engineer or an economist alone.

The professor's mini-course is one of several offered by the university this semester. They are designed to give students the opportunity to study in other fields without the stiff requirements of a full course in each subject.

"The significance of technology" is geared to non-engineering students, but it is not "teaching the workings of toasters," he explained.

"Rather than taking an engineering course and taking the math out of it, I'm looking at the nature of technology," he said. He defined 'technology' as the interaction of man, machines and society.

An interdisciplinary approach is sadly lacking in the ways students are taught, a deficiency which is later reflected in the methods they use to solve problems, the bearded professor said.

Teaching a mini-course to provide a little interdisciplinary understanding is one way to attack the problem. But, Dr. Gielisse concedes, it's a big problem.

"The way we manage things is set up to act directly against the concept of interaction," he said, adding that the main academic rewards are given for "making it in your own field."

In addition, "the average engineer really doesn't have much time" for studies in other disciplines because of rigid curriculum requirements, he said. This obstacle has led Dr. Gielisse to believe that "the master's degree ought to be the first professional degree in engineering."

by Michael S. Martowska

At a "crash" meeting of the Financial Aid Committee on Friday, November 30, the final draft of Financial Aid Policy as it will appear in WPI's new catalog was completed. It is as follows:

### The Philosophy

College financial aid is designed to help to equalize educational opportunity by filling the last gap of a full-time student's financial need after the student has assembled all the resources he can from his family, self-help and all other available local, state and federal financial aid programs. The College's commitment to its financial aid program, involving about half its students and over a million dollars in grants alone, is a voluntary commitment, not an obligation, founded upon a particular social and educational philosophy.

### The Policy

An annual review of each applicant's need is designed to assure that aid continues in equitable amounts appropriate to changes in need until the student graduates. Documentation of need is established by a review of the Parent's Confidential Statement.

Such a five- or six-year program would allow engineering students more time to explore their interest in other fields.

Even if the educational process becomes more varied, the scientist who wishes to take up the interdisciplinary approach will still have many obstacles to overcome, the URI engineer said.

"He must be willing to sacrifice a good chunk of his professional career," Dr. Gielisse said, "For a man with an existing career and an existing training, it means a complete turn-around, and how many men are willing to do that?"

any appropriate Internal Revenue Service forms, conferences with the student, and other information that the student may wish to submit or be requested to submit, such as his annual estimated budget.

Tuition pays about 60 per cent of each student's actual instructional costs. Therefore, other college's resources pay about 40 per cent of each student's instructional costs, whether or not he-she is a recipient of financial aid.

It is expected that the student's family (whether by birth, adoption or marriage) will contribute its maximum financial effort, and that the student will also make a maximum effort at self-help through savings from annual earnings and by accepting a just proportion of financial aid in the form of loans and/or term time employment. Self-help includes all efforts other than drawing on College scholarship resources.

### The Package

The college award will normally consist of a financial aid "package," constructed in this sequence: student self-help (e.g., a term-time job), various loans, and a college scholarship, not to exceed financial need. However, the proportion of scholarship aid to loan-job within this package, may be based on the college's judgment of the following: the student's merit, and the magnitude of his/her need.

The total amount of scholarship aid may vary between two students with the same need, or between one year and the next for the same student. Limited College resources may also be a factor governing variation between two packages. The size of the package will vary with increases or decreases in family and personal resources. The College will always assume that the student and his parents are

in communication as to the magnitude and nature of all family resources, as well as any yearly rise or fall in these resources.

Recipients who receive awards from any source other than their parents or legal guardians must immediately notify the Director of Financial Aid in writing as to the amount, source, duration, and form of assistance. The College reserves the right to adjust awards when a student's total aid exceeds his financial need as estimated by the College Scholarship Service need analysis formula.

In putting together its aid packages, the College will expect that students from states with state scholarship programs, and that students with other such local monies available to them, will apply for such scholarships. College financial aid will be considered third-party aid of last resort.

### Other Regulations

Transfer students will be eligible for financial aid beginning with their first term of matriculation.

Summer earnings: In meeting their financial need, students will be expected to contribute \$700 (\$400 for entering freshmen) from summer or other annual earnings.

Inflated need: Marriage, self-declared emancipation or independence from family, ownership and maintenance of valuable property (e.g., a car), or other voluntary, self-imposed financial burdens will not be considered by the College as a bona fide basis of financial need. Married or otherwise emancipated students will enjoy rights equal to but not exceeding those of other students, and they will apply for aid on the same basis as other students. As a third-party contributing aid of last resort, the College will not stand in loco parentis in the financial affairs of students.

Inaccurate documentation of financial need or omitting to report any financial resources will result in loss of financial aid.

### Progress Toward a Degree:

Financial aid will ordinarily be available for a period of sixteen terms within a four-year period or until receipt of a terminal degree — generally whichever period is shorter — provided that (a) the student is registered for at least 2-3 unit or its equivalent per term, (b) the student continues to make acceptable and satisfactory progress toward a degree, and (c) the student makes responsible use of Intersession periods.

For students whose satisfactory progress toward a degree extends beyond sixteen terms, financial aid for that extended period will normally be available predominantly in the form of loans. For students whose satisfactory progress is accelerated within less than sixteen terms by virtue of using any summer term(s) E at WPI as well as all other terms at WPI, summer term loans if available may be used for all necessary expenses, and the College will relax its regulations governing expected student earnings, replacing this last self-help opportunity with a borrowing opportunity, if the student wishes. Appeals, Exceptions, Unique Problems and Hard Cases

A student or any interested party to a financial aid decision has the right to request a review of that financial aid decision. Because parental income and other confidential material may be pertinent to such a review, this review will take place before the Student-Faculty Financial Aid Committee, at the student's request, only if one of two sets of conditions is met, namely if (a) the parent submits a written waiver of confidentiality together with the student's written request to the Committee, or (b) in the absence of the parental waiver, the student presents the Dean of Student Affairs with a written brief to be brought anonymously before the Committee, thus preserving confidentiality in the necessary presentation of sensitive material.

## Astronaut Parker To Speak at 1974 E.C. S.C.

by Joseph T. Forand

Dr. Robert A. Parker, NASA Astronaut, has accepted our invitation to serve as banquet speaker for the 28th Annual Eastern Colleges Science Conference to be held at WPI on April 18-20. Astronaut Parker,

the son of Dr. Allan E. Parker of the WPI Physics Department, received his Doctorate in Astronomy from the California Institute of Technology in 1962 and was awarded the NASA Exceptional Scientific Achievement Medal in 1973. He has logged over 1200 hours flying time in jet aircraft.

Dr. Parker was selected as a scientist-astronaut by NASA in August 1967 and has completed the initial academic training and a 53-week course in flight training at Williams Air Force Base, Arizona. He was a member of the astronaut support crews for the Apollo 15 and 17 missions and is currently serving as Program Scientist for the Skylab Program Director's Office. In this capacity, he is responsible for all of the scientific experiments performed in Skylab. We feel that Dr. Parker's visit will add a great deal to this year's Conference 16. We would now like to acquaint you, as members of the host institution of the 1974 E.C.S.C., with the functions and activities of the Conference. The Eastern Colleges Science Conference is a meeting place for undergraduates in the eastern United States who are performing research in the natural, applied, and social sciences. Fields of study are quite varied and range from Biology to Computer Science, from Engineering to History, from Chemistry to Psychology — just about any science you can think of.

Plans are well under way at WPI to make this year's Conference the best ever. In addition to allocating time for presentations of research papers, we are also arranging an active social schedule with tours, a mixer, luncheon, banquet, night club, etc. We have invited some 1200 colleges to attend this year's Conference, quite possibly an all-time high, and we expect about 250-300 faculty and students to actually participate.

Organizing such a complicated affair is a huge task and we would appreciate any help that any of you would be willing to give. We have eight student committees to be set up, two of which have no Committee Heads as yet (Luncheon-Banquet and Catalog Preparation). All of the other committees are shorthanded also. We NEED your help if we are to make this Conference a success.

Please plan to attend our next GENERAL MEETING on Thursday, Dec. 6 at 4:15 p.m. in GH 217. If you wish, you may contact the 1974 E.C.S.C. Co-chairmen, Joseph T. Forand, '74 and Wayne F. Dyer, '75 through E.C.S.C., Box 2636, to ask any questions or volunteer your services!

coming next week:

# Sign Up '75

a project registration week for juniors

December 10 - 14

## Get Linked Up to a project!

Interdisciplinary,

Technical and IQP registration for juniors with last

names A-L Monday, Dec. 10, 4 p.m.

M-Z Tuesday, Dec. 11, 4 p.m.

at the IQP Center, Washburn 300

MQP registration — your department  
will notify you of the time and place.



# Library Sews It Up

The George C. Gordon Library of Worcester Polytechnic Institute announces the opening of an exhibition FANTASY IN FABRIC: Stitchery by Beate Neergaard. Mrs. Neergaard is a well-known Danish designer and needlework artists, who left high school at the age of sixteen to study art at a school for handicraft and drawing in Copenhagen. She has done costume and set design, book illustration, drawings, water-colors as well as tapestries and rag collages. It was because of the rag collages that Mrs. Neergaard was commissioned by the Danish State Film Central to create rag collages depicting various Hans Christian Andersen Fairy Tales. Color film strips were made and distributed by Encyclopedia Britannica for use in language arts classes. Three pieces from the original set of 21 for the "Tinderbox" fairy tale are in this exhibition along with ten "free" patchwork tapestries. The artist draws her ideas for the tapestries from the tangible as well as fantasy. The titles of her works suggest a gifted imagination and their execution displays a lively sense of color and design. For example, Cosmic Man, O Jesus So Sweet (suggested by the production of Jesus Christ Superstar) and Training Flowers give an idea of the range of subject matter.

Mrs. Neergaard has exhibited widely and sold her works in many foreign countries, but FANTASY IN FABRIC is her first traveling exhibition in the United States.

Sponsored by the Royal Danish Embassy in Washington, D. C., this exhibition was arranged and is being circulated by Dorothy T. Van Arsdale Associates of Clermont, Florida. The collection will be on view from November 25 to December 21, 1973. A spell of the Holiday Season is found in these unusual and colorful tapestries.

The Gallery is open from 8 a.m. - 11 p.m. Monday - Saturday, 2 p.m. - 5 p.m. Sundays.

# GRADUATING ENGINEERS



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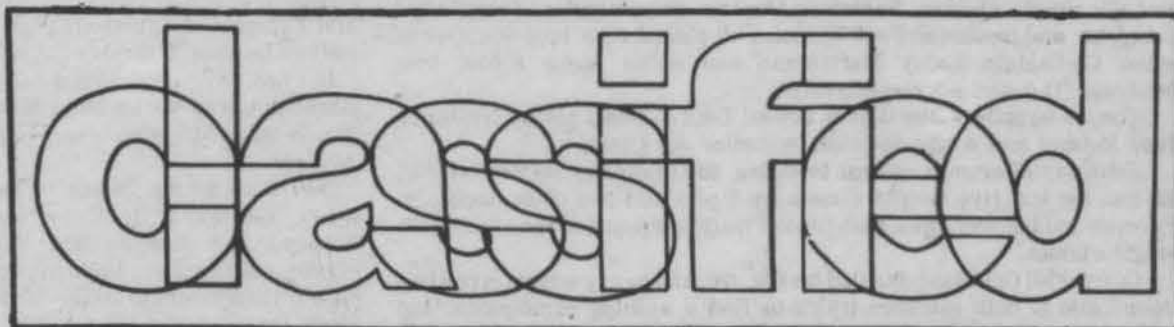
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## Worcester Child Development Head Start Program

### Introduction:

Head Start is a Federally funded program which came to Worcester in a summer program in 1965 to serve the needs of four year old children from economically disadvantaged families. The following year, through Federal grants and commitment from the community in providing services, Head Start became a full year program. Examples of this community support are Central Church, All Saints Church, First Baptist Church, St. Matthew's Church, Zion Church, and Friendly House Neighborhood Center which currently house the six Head Start centers.

### Administration:

The program is administered by the Director, who works closely with the Worcester School Department and the Supervisors of the various Head Start components, in making recommendations to the Policy Council. The Policy Council is the governing body of the program and is made up of at least 50 percent parents. The remaining members are representatives of agencies within the community. The program is comprised of four major components offering services in the areas of: Career Development, Social Service, Health, and Education.

### Career Development:

The majority of the staff are para-professionals, who through a program of Career Development, are offered a variety of training experiences. In this manner they are able to develop job-related skills which improve their job performance and provide opportunities for career mobility. These training sessions are

frequently broken down into small groups, by center or by component. On occasion consultants are brought in. At each center, Center Aides, Neighborhood Workers and Teacher Aides are parents hired as para-professionals. In some instances arrangements are made with local colleges to provide credit courses to both para-professional and professional members of the staff.

### Social Services:

The Social Service component is staffed by Social Workers and Neighborhood Workers whose duties encompass: Recruitment, parent participation, identification of problems in the classroom or in the family, supportive service to the family. Each family who has made application is visited by a staff member whose function is to evaluate the needs. Parent involvement is encouraged and staff assistance offered in planning programs that will be both socially and educationally rewarding. Through the cooperative efforts of Head Start and the Y.W.C.A. our Spanish speaking parents have been offered classes in arts and crafts. The services of staff members from other local agencies are offered to parents. Their help and guidance is invaluable in many areas of family management. Throughout the year fund raising activities are sponsored by the parent groups to provide varied programs for the children. An example was the zoo-mobile brought into a center and paid for by the parents from money raised at a Fashion Show.

### Volunteer Program:

An essential part of Head Start is the Volunteer Program. Active parent participation in this area is

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**FOR SALE:** Panasonic Stereo Tape Recorder. \$75 or best offer. Box 2202 or call 755-7591. Ask for Rick.

an indispensable adjunct to the staff. An additional link with the community is provided by a loyal group of volunteers representing diverse backgrounds — these volunteers come to Head Start as students from local schools and colleges, from the ranks of retired persons, and from everywhere in between. Countless valuable services are provided by these generous people who give their time and talent and take away the affection and appreciation of the children and the staff. Volunteer groups contribute sturdy toys, books, arts and crafts materials, favors, and individualized gifts, such as mittens.

### Health Component:

All centers are staffed by a health aide who is supervised by a registered nurse and the consulting doctor. Each child is given a complete physical examination by the doctor at which time defects are noted, parent informed, and referrals made to proper specialty or agency where corrective measures are taken. During the year the children receive all of the immunizations necessary for admission into the public school system. Included in the health care are oral prophylaxis, fluoride treatment and thorough examination with instruction on proper oral hygiene. The importance of caring for one's teeth is stressed. An essential aspect of continuing good health is the proper diet for children. Under supervision of the Director of food

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**FOR SALE:** Realistic 7A7 Monophonic Portable Tape Recorder (w/accessories) very good condition, and 7 1800' reels Concert Tape — \$35. Call Todd at 754-3113.

BOB, you are pw'ed over Donna M.

**FOR SALE:** Brown steel office desk — top 30" by 60" — all six nylon bearing. 4 regular — 1 deep file and center drawer which locks all. With brown secretarial chair. Both in very good condition. Asking \$75 or best offer. Call 366-0100.

**WANTED:** Guitar, banjo and/or 12-string guitar at reasonable price in workable condition. Contact ext. 396.

services for the Worcester Public Schools, a balanced meal is prepared daily at the Forest Grove Junior High School cafeteria kitchen. It is then trucked to the centers where parents assist in serving the food and delivering it to the classrooms.

### Education:

The goal of the Education Component is to enhance the educational, social, emotional and physical development of each child. A typical classroom is made up of 15 children, one teacher, one assistant teacher and a volunteer. Depending on location, some children are bussed to the centers and some walk in, accompanied by a parent. A minimum of 10 percent of all children accepted must be handicapped. In-service training educates staff concerning specific disabilities, adjustments in the classroom, etc. The majority of Head Start children attend class five days a week, whereas some are taught in the homes — and attend a center but once a week. This 'homebased' Head Start is one of the most advanced programs of its kind in New England. Indoor facilities are available in all centers for the children to exercise and develop motor control.

Music — an important part of children's growing up, is emphasized. All play is not of the same type. Water play, carpentry, science and numbers are emphasized as important to our youngsters. To foster individual initiative in play as well as work,

we believe free play is important. The purpose of the education component is to assist in the intellectual growth of each child. This is achieved not only in the classroom, but in the community at large. During the year a wide variety of enrichment experiences are offered to the children. These are in the form of field trips to points of interest in the area, for instance, an Apple Orchard may be visited by the children; for some it may be the first time. Work in classroom showing results of Apple Orchard field trip presents the enriched educational value of the trip to the Apple Orchard. After the children are dismissed, the staff spends the remainder of the time planning the classroom activity for the following day or in meetings to discuss center projects. To insure an understanding of the child within the framework of home and family, the teaching staff make home visits at least twice a year.

Hopefully, this brief talk has outlined the scope of the Head Start Program. Contrary to popular belief, it is a great deal more than a nursery school for four year olds — it is a service! Service to over 400 children enrolled in Head Start and service to their families. Service made possible through the efforts of the Federal Government and the local community. Service which proves that dedication, cooperation and caring can build success!



# Sports Highlights



High scorer Rich Allen shoots for two of his game-high of twenty-two.

## Wrestling Team Splits Pair

by Rick Dew

The WPI wrestling team started off the 1973-74 season with a big win over Lowell Tech 31-6 on Thursday. But wound up on the short end of a 27-24 match with Bowdoin Saturday.

Before a good crowd Thursday night, WPI started off by winning the first six weight classes. Senior Co-Captain Eric Isbister, senior Chet Kokoszka, and freshman Paul Wittman all pinned their opponents while senior Co-Captain Larry Martinano and senior Steve Schlitt won decisions (17-0 and 9-2 respectively).

The JV wrestlers also defeat Lowell Tech 40-3 on a pin by freshman Reed Mosher and a 12-2 decision by senior Joe Costa.

Saturday afternoon against Bowdoin, the grapplers started off well but lost the last five weight classes by 3 pins and two close decisions. Wittman and Isbister again both pinned their opponents in the 134 and 150 weight classes.

Coach Phil Grebinar shuffled his 177, 190, and heavy weight wrestlers around and in both matches trying to find a winning combination but neither was successful. If he can come up with this combination a good season is ahead for the team.

If you've never seen a wrestling maach, you should be in Alumni Gym Wednesday night at 7:30 when the team takes on a tough Coast Guard Club. Wrestling is a very interesting and exciting sport to watch and another big crowd would be appreciated by the team.

## Engineers Win Opener 84 - 77

by A.B.

Engineers win opener 84-77

The WPI hoopmen started off the season with a well-played 84-77 win over Bates College on Saturday. It was the first time in three years WPI has beaten the Bobcats.

Richie Allen got WPI moving early in the first half with drives and outside poppers. Pete Krupinsky and Rich Turner controlled the defensive boards and after ten minutes of play WPI had the lead 25-19 with Bates unable to generate any offensive attack. WPI then took a 41-28 half-time lead.

WPI with Kuprinsky and Kevin Mischler leading the surge, moved out to an 18 point bulge at 72-54 with 6:37 left and appeared headed for an easy triumph.

However, Bates wasn't to be denied, as they employed a tenacious 1-2-2 full court press. WPI turned the ball over time and time again, until the Bobcats cut the lead to 73-67, with 3:34 left.

At this time WPI recovered its composure and baskets by Allen and Turner and numerous trips to the foul line saved the day for WPI.

In the JV preliminary, Jim Brennan paced WPI with 14 points and a 42-36 decision over Bates Jayvees.

WPI's upcoming games include away games with Tufts and Wesleyan on Monday and Wednesday respectively. Both contests should really test the ability of this years team.



Co-captain Rick Turner pulled down 21 rebounds in victory over Bates.

WPI	G	F	T	BATES	G	F	T
Allen	8	4-6	22	Gilgan	4	0-2	8
Turner	9	1-2	19	Glenney	5	4-8	14
Krupsky	6	1-4	13	Zodlik'n	5	1-2	11
Frengs	3	0-12	14	Marols	5	2-2	12
Misch'r	6	4-7	16	Filler	2	2-3	6
McLTDy	0	0-0	0	Bach'ler	4	0-1	16
Kuda	0	0-0	0	Joyce	4	0-0	8
				Pierson	1	0-0	2
				Campbell	0	0-0	0
Totals	32	20-31	84	Totals	34	9-19	77

## IM Trophy

Because of the confusion that occurs each spring as to the standings the sports department felt we should keep everyone up to date. We have figured out standings including all fraternities and the independent teams who may be in contention. Below is the final point standings in volleyball. PGD has won the IM trophy the past two years.

PKT - 100	SP - 52.5
ATO - 90	PSK - 52.5
SAE - 90	LCA - 50
PGD - 80.67	DST - 50
SPE - 75.67	
HIGGINS - 75.67	
TEKE - 65	
CAVS - 65	
PKT (2) - 62.5	
ATO (2) - 60	
GLAD - 60	
TC - 55	

## Swimmers Dunk Cross

WPI mermen, coached by (Coach) Spacey Peterson, are off to a fast start this year with a convincing victory over Holy Cross. Co-captain John Palitsch led the team with two first place finishes in the 200 yd. individual medley (2:20.5) and the 200 yd. fly (2:24.7). He also swam the fly for the winning medley relay along with Scott Wilson, Ivo Slezak and Rick Aseltine. Other first place finishes were tallied by freshman Barry Livingston in the 200 yd. freestyle (2:05.5), senior Billy Gemmer in the diving event (146.95 points), sophomore Hadji Dieters in the 100 yd. free (52.0), and senior Scott Wilson in the 200 yd. back stroke event (2:23.5). The final score for the meet was WPI 76 and Holy Cross 35.

WPI swims at Babson on Wednesday, December 5, and at the Coast Guard Relays Saturday December 8.

Newspeak wants to wish Coach Peterson and the swim team good luck so they might qualify for a berth in the nationals at the end of the season.

J. D.

## UPCOMING SPORTS EVENTS...

Wednesday, December 5

Varsity & J.V. Basketball vs. Wesleyan. Away, 7:30 p.m.

Varsity Wrestling vs. USCGA. Home, 7:30 p.m.

Varsity Swimming vs. Babson. Away, 7:30 p.m.

Hockey Club vs. Stonehill. Away, 9:00 p.m.

Saturday, December 8

Varsity & J.V. Basketball vs. Suffolk. Home, 8:00 p.m.

Varsity Wrestling vs. Tufts, B.U. Away, 2:00 p.m.

Fencing Club, Penn State Intercollegiate.

Varsity Swimming, Coast Guard Relays. Away, 1:30 p.m.

Tuesday, December 11

Varsity & J.V. Basketball vs. Bentley. Away, 8:00 p.m.

Hockey Club vs. Bentley. Home, 8:30 p.m.

Varsity Swimming vs. U. Mass. Away, 7:30 p.m.

## SUPPORT W.P.I. ATHLETIC EVENTS

### NOTICE

The Faculty Award Committee invites nominations for the Board of Trustees' Award for Outstanding Teaching.

Nominations should be signed and should explain why the candidate is deserving of the award.

Nominations should be sent to D. C. Eteson AK 218 by December 18, 1977.

Previous awards:

J. Hensel	1972	One
R.E. Wagner	1973	recons
K.E. Scott	1974	that a
J.P. Van Alstyne	1975	cred
W.P. Grogan	1976	able to
W.B. Bridgman	1977	same
C.W. Shipman	1978	that 1/

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Support the  
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Drawing Dec. 21

Buy a raffle ticket from  
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see John Young an R.A. in  
Riley. Winner gets a stereo  
system.

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Daniels Lounge

Sir Morgan's  
Cove

Appearing Tonight through Sunday  
Sunday Matinee at 4 p.m.

JAMES COTTON

Blues Band

SUNDAY & MONDAY

All students with College ID's admitted at half price.

proper attire required

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